

	Type	Hits	Search Text	DBs	Time Stamp
1	IS&R	948	(422/144).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/16 12:59
2	IS&R	591	(422/188).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/16 10:29
3	IS&R	589	(422/197).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/16 10:31
4	IS&R	1950	(422/198).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/16 10:38
5	IS&R	1702	(422/211).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/16 10:42
6	IS&R	433	(422/220).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/16 10:43
7	IS&R	57	(("2848493") or ("3922147") or ("4051206") or ("4341640") or ("4356132") or ("4539077") or ("5223238") or ("3986243") or ("4600139") or ("3232982") or ("3541146") or ("3636106") or ("4334096") or ("4354040") or ("4504679") or ("5763660") or ("6114579") or ("6029956") or ("6120740") or ("6165315") or ("6187451") or ("6267289") or ("6412684")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/16 12:46

	Type	Hits	Search Text	DBs	Time Stamp
8	BRS	8	EP-487935-\$.did. or DE-1953994-\$.did. or GB-1292316-\$.did. or GB-1196657-\$.did. or GB-1440624-\$.did. or wo9929663-\$.did. or DE-2052929-\$.did. or DE-2239975-\$.did. or DE-3720603-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/16 12:59

Refine Search

Search Results -

Terms	Documents
((rotate or rotatable or symmetr\$4 or axis) near10 (stripper)) and ((shell or layer or structure or vessel) near20 (nozzle or inlet or outlet)) and (horizontal near10 (axis or symmetr\$4))	21

Database:

US Pre-Grant Publication Full-Text Database
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Search:

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DATE: Friday, July 16, 2004 [Printable Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> <u>result</u> <u>set</u>
	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=OR</i>		
<u>L24</u>	((rotate or rotatable or symmetr\$4 or axis) near10 (stripper)) and ((shell or layer or structure or vessel) near20 (nozzle or inlet or outlet)) and (horizontal near10 (axis or symmetr\$4))	21	<u>L24</u>
<u>L23</u>	15 and ((rotate or rotatable or symmetr\$4 or axis) near10 (stripper)) and ((shell or layer or structure or vessel) near20 (nozzle or inlet or outlet)) and (horizontal near10 (axis or symmetr\$4))	3	<u>L23</u>
<u>L22</u>	15 and ((rotate or rotatable or symmetr\$4 or axis) near10 (reactor or stripper)) and ((shell or layer or structure or vessel) near20 (nozzle or inlet or outlet)) and (horizontal near10 (axis or symmetr\$4)) and urea	2	<u>L22</u>
<u>L21</u>	15 and ((rotate or rotatable or symmetr\$4 or axis) near10 (reactor or stripper)) and ((shell or layer or structure or vessel) near20 (nozzle or inlet or outlet)) and (horizontal near10 (axis or symmetr\$4))	73	<u>L21</u>

<u>L20</u>	15 and ((rotate or rotatable or symmetr\$4 or axis) near10 (stripper)) and ((shell or layer or structure or vessel) near50 (nozzle or inlet or outlet)) and (horizontal near10 (axis or symmetr\$4))	3	<u>L20</u>
<u>L19</u>	15 and ((rotate or rotatable or symmetr\$4 or axis) near10 (reactor or stripper)) and ((shell or layer or structure or vessel) near50 (nozzle or inlet or outlet)) and (horizontal near10 (axis or symmetr\$4))	74	<u>L19</u>
<u>L18</u>	15 and ((rotate or rotatable or symmetr\$4 or axis) near20 (reactor or stripper)) and ((shell or layer or structure or vessel) near50 (nozzle or inlet or outlet)) and (horizontal near10 (axis or symmetr\$4))	83	<u>L18</u>
<u>L17</u>	15 and ((rotate or rotatable or symmetr\$4 or axis) near20 (reactor or stripper)) and ((shell or layer or structure or vessel) near50 (nozzle or inlet or outlet))	570	<u>L17</u>
<u>L16</u>	15 and ((rotate or rotatable or symmetr\$4 or axis) near20 (reactor or stripper)) and (shell or layer or structure or vessel) and (nozzle or inlet or outlet)	1129	<u>L16</u>
<u>L15</u>	15 and ((rotate or rotatable or symmetr\$4 or axis) near20 (reactor or stripper)) and (shell or layer) and (nozzle or inlet or outlet)	696	<u>L15</u>
<u>L14</u>	15 and ((rotate or rotatable or symmetr\$4 or axis) near50 (reactor or stripper)) and (shell or layer) and (nozzle or inlet or outlet)	741	<u>L14</u>
<u>L13</u>	15 and ((rotate or rotatable or symmetr\$4 or axis) near50 stripper) and (shell or layer) and (nozzle or inlet or outlet)	6	<u>L13</u>
<u>L12</u>	15 and ((rotate or rotatable) near50 stripper) and (shell or layer) and (nozzle or inlet or outlet)	2	<u>L12</u>
<u>L11</u>	15 and (rotate or rotatable) and stripper and (shell or layer) and (nozzle or inlet or outlet)	41	<u>L11</u>
<u>L10</u>	15 and stripper and (shell or layer) and (nozzle or inlet or outlet) and (rotate or rotatable)	41	<u>L10</u>
<u>L9</u>	15 and stripper and (shell or layer) and (nozzle or inlet or outlet)	481	<u>L9</u>
<u>L8</u>	15 and stripper and (shell or layer)	662	<u>L8</u>
<u>L7</u>	15 and stripper and shell	383	<u>L7</u>
<u>L6</u>	15 and stripper	1874	<u>L6</u>
<u>L5</u>	11 or 12 or 13 or 14	322109	<u>L5</u>
<u>L4</u>	220/\$.ccls.	130663	<u>L4</u>
<u>L3</u>	564/\$.ccls.	59854	<u>L3</u>
<u>L2</u>	48/\$.ccls.	31753	<u>L2</u>
<u>L1</u>	422/\$.ccls.	103841	<u>L1</u>

END OF SEARCH HISTORY